Array Programmable Power Products

- **Triple Output Programmable Power Supply**
- Tracking mode on ±25V outputs
- Easy to use adjust control knob and numerical keyboard
- Highly visible vacuum-fluorescent display
- USB, RS-232 and GPIB (Optional) interface
- Low ripple and noise
- Excellent load and line regulation
- Operating parameters storage
- Portable, ruggedized case with case feet

2731A Triple Output DC Power Supply

Has two tracking 25V outputs, which are referenced to a floating common, and an isolated 6Volt output. Easy to control from the front panel and excellent regulation makes the Power Supply suitable for exacting engineering applications.

Specifications (25°C±5°C)

+6VDC: 0 to 6V, 0 to 5Amp +25VDC: 0 to 25V, 0 to 1Amp -25VDC: 0 to 25V, 0 to 1Amp

Load Regulation

Voltage <0.01% +2mV, Current <0.01% +250uA

Line Regulation

Voltage <0.01% +2%,Current <0.01% +250uA

Programming Resolution

	+6V output	+25V output	-25V output
Voltage	0.5mV	1.5mV	1.5mV
Current	0.5mA	0.5mA	0.1mA

Read back Resolution

	+6V output	+25V output	-25V output
Voltage	1mV	10mV	10mV
Current	1mA	1mA	1mA

AC Input 110V/220V AC ±10%, 47-63Hz

Operating Environment 0-40°C, 80% RH

Weight: 8.2 Kg Dimensions (mm): 212.6 Wide x 132.6 High x 348.2 Depth

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3600 Series Programmable DC Power Supplies

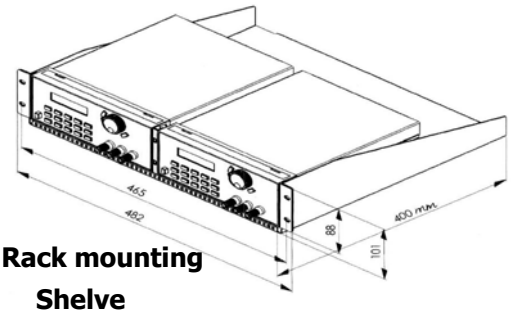
- LCD display with back light
- High Programme resolution
- 10 Parameters storage
- Programmable maximum O/P Voltage/Power Limits
- Over voltage, Over current Protection
- Over Power. Over Temperature Protection
- Free Power Management software

Model	**3644A**	**3645A**	**3646A**
DC O/P Voltage	0 to 18V	0 to 36V	0 to 72V
Current	5Amp	3Amp	1.5Amp
Power (max)	90 watts	108 watts	108 watts
Line Regulation Voltage	0-3.999V : 0.01%+3mV	0-3.999V:0.01%+3mV	0-3.999V:0.01%+3mV
	4-18V: 0.02%+10mV	4-36V:0.02%+10mV	4-72V:0.02%+10mV
Current	0.02%+8mA	0.02%+8mA	0,02%+8mA
Load Regulation Voltage	0.02%+20mV	0.02%+10mV	0.02%+10mV
Current	0.02%+15mV	0.02%+10mV	0.02%+8mV
Ripple & noise Voltage	<1mVrms	<1mVrms	<1mVrms
Current	<5mVrms	<4mvrms	<3mArms
Prog. accuracy Voltage	0.1%+20%	0.1+20mV	0,1%+20mV
Current	0.2%+20mV	0.2%+20mV	0.2%+20mV
Reed back Accuracy Voltage	0.2%+20mV	0-19.999V:0.2%+20mV	0-19.999V:0.2%+20mV
		20-36V:0.2%+100mV	20-72V:0.2%+100mV
Current	0.2%+20mA	0,2%+20mA	0.2%+20mA
Program resolution voltage	0-3.999V:1mV	0-3.999V:1mV	0-3.999V: 1mV
	4-18V:10mV	4-36V:10mV	4-72V:10mV
current	1mA	1mA	1mA
Read back resolution Voltage	10mV	0-19.999:10mV	0-19.999:10mV
		20-36V:100mV	20-72V:100mV
current	10mA	10mA	10mA
Protection	Over Voltage, Over Current, Over Power, Over Temperature		
AC Input	110V/220VAC ±15%, 47 to 63Hz		
Operating environment	0 to 50°C. 80% RH		
Weight	6.00 k/grams		
Dimensions	212.6 mm width x 88.1 mm high x 250mm depth		
Software	Power MS ,Active X DDL tools support VB, VC++ Delphi, Lab View		
Standard Accessories	User' manual, AC Cable, Handlebars, Software CD		
Optional Accessories	RS232 adaptor, RS485 adaptor ,USB adaptor, 19” mounting rack		

3700 Series Programmable DC Electronic loads

- Programmable output
- Over power protection
- Over current protection
- Monitored By P C Software
- Compact size and light weight
- LCD display with back light
- Parallel connection for higher power systems

Type	3710A	3711A
Input quantity	1	1
Input voltage (Max)	360V	360V
Input power (Max)	150watts	300watts
Input current (Max)	30Amp	30 Amp
Voltage accuracy	0.000-3.999±(0.2%+3mV), 4.00-35.99±(0.2%+30mV), 36.0-360.0±(0.2%+300mV)	
Current accuracy	0.000-2.999±(0.2%+3mA), 3.00-30.00±(0.2%+300mA)	
Minimum resolution	Voltage 1mV Current 1mA	
Min conductive	Resistance <0,08Ω	
Ripple	10mV pp	
Communication	RS 232 / RS 485	
Active X	Free Active X for VC++/ VB / Delphi / Lab View	
Memory	10 points EEPROM	
Protective mode	Over Voltage / Over Current / Over Power / Over Temperature / Reverse Polarity	
Mains voltage	110/220VAC Switchable 50 to 60Hz	
Weight	5.0 Kg	
Dimension	248mm wide x 88.1 mm high x 250 mm depth	
Accessories	Software, users manual, 5A mains lead, Carrying handles	
Optional Accessories	RS 232 Adaptor, RS 485 Adaptor, 19” rack mounting kit	



19” Rack mounting Shelve

M3500A 6½ Digit Digital Multimeter

- **Resolution: 6½ digit**
- **Display: 5x7 dot matrix VFD**
- **Remote Interface: USB GPIB (optional)**
- **High Speed sampling rate**
- **High Accuracy**
- **AC Measurement Range**
- **High Sensitivity DC Voltage: 0.1μV, Resistance: 100μΩ**
- **High Capacity of Internal Data Memory (up to 2K memory)**

Stability, Speed and Accuracy

The 6½ digit M3500A DMM is designed with 7½ digit techniques to provide user a stable, faster and accurate measurement

High Speed: 2000 rdgs/Sec

The M3500A is engineered to a high performance both for the sampling rate and data transfer rate. Can achieve 2000 readings per second

Multi-Point Scan

The M3500A supports up to 10 channels (2-pole) Multi-point scan, to use this option the multi-point scanner card (model M3500-opt01) is to be fitted.

Noise Immunity

The M3500A can boast excellent noise performance Immunity.

Accessories Included

CD user manual and software applications.
Power lead, test lead and USB cable.

Options

1 Multi-Point Scanner Card: M3500-opt01
2 Thermal adapter (6 types):
M3500-opt02E, M3500-opt02J, M3500-opt02K
M3500-opt02N, M3500-opt02RS, M3500-opt02T
3 BNC to Banana Adapter: 3500-opt03

19 Full-Featured Functions

There are 11 measurements and 8 math functions DCI, DCV, ACI, 2WΩ, 4WΩ ,Frequency Period, Diode Continuity. Temperature Limits Ratio, MX+B.%. dBm dB. Min/Max. Null. In addition Trigger and memory functions are also involved.

Temperature Measurements

Our thermal measurement functions support two types of measurements: thermocouples and RTD's. For the thermocouples, we support up to seven types of sensors: E, J, K, N, R, S and T using a NIST Monograph 175 ref table.

Dual Displays w/3-Colour Enunciators

This model comes with a unique 5 x 7 dot matrix VFD dual display with three-colour enunciators. User can easily distinguish each symbol from their colours.

Built-In USB Interface

The M3500A is equipped with a standard USD Interface. It gives high speed, sample rate and I/O data rate to increase the measurement speed of the DMM.

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